



2019 CALGREEN RESIDENTIAL CHECKLIST AND MANDATORY ITEMS - Version 1.1.20

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PROJECTS 300 SQ. FT. OR LESS OF ADDITION/AND OR INCREASED VOLUME COMBINED will NOT be required to obtain a third-party rater. You will still be responsible to follow all Residential Mandatory Measures as applicable to your project.
THESE MEASURES SHALL BE INCLUDED WITH YOUR PLANS

PLANNING AND DESIGN – Site Development

4.106.2 A plan is developed and implemented to manage storm water drainage during construction.

4.106.3 Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings.

4.106.4 Provide capability for electric vehicle charging for one- and two-family dwellings: townhouses with attached private garages; multifamily dwellings; and hotels/motels in accordance with Section 4.106.4.1, 4.106.4.2 or 4.106.4.3 as applicable.

ENERGY EFFICIENCY – General

4.201.1 Building meets or exceeds the requirements of the *California Building Energy Efficiency Standards*³.

WATER EFFICIENCY AND CONSERVATION – Indoor Water Use

4.303.1. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings shall comply with the prescriptive requirements of Sections 4.303.1.1 through 4.303.1.4.4.

4.303.2 Plumbing fixtures and fittings required in Section 4.303.1 shall be installed in accordance with the *California Plumbing Code* and shall meet the applicable referenced standards.

4.303.1.4.3 Metering faucets in residential buildings shall not deliver more than 0.2 gallons per cycle.

WATER EFFICIENCY AND CONSERVATION - Outdoor Water Use

4.304.1 Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

MATERIAL CONSERVATION AND RESOURCE EFFICIENCY – Enhanced Durability and Reduced Maintenance

4.406.1 Annular spaces around pipes, electric cables, conduits or other openings in plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar method acceptable to the enforcing agency.

MATERIAL CONSERVATION AND RESOURCE EFFICIENCY - Construction Waste Reduction, Disposal and Recycling

4.408.1 Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with one of the following:

1. Comply with a more stringent local construction and demolition waste management ordinance; or
2. A construction waste management plan per Section 4.408.2; or
3. A waste management company per Section 4.408.3; or
4. The waste stream reduction alternative per Section 4.408.4.

MATERIAL CONSERVATION & RESOURCE EFFICIENCY - Building Maintenance and Operation

4.410.1 An operation and maintenance manual shall be provided to the building occupant or owner.

4.410.2 Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive. See exception for rural jurisdictions

ENVIRONMENTAL QUALITY - Fireplaces

4.503.1 Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.

ENVIRONMENTAL QUALITY - Pollutant Control

4.504.1 Duct openings and other related air distribution component openings shall be covered during construction.

4.504.2.1 Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.

4.504.2.2 Paints, stains and other coatings shall be compliant with VOC limits.

4.504.2.3 Aerosol paints and coatings shall be compliant with product weighted MIR limits for ROC and other toxic compounds.

4.504.2.4 Documentation shall be provided to verify that compliant VOC limit finish materials have been used.

4.504.3 Carpet and carpet systems shall be compliant with VOC limits.

4.504.4 80 percent of floor area receiving resilient flooring shall comply with specified VOC criteria.

4.504.5 Particleboard, medium density fiberboard (MDF) and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.

ENVIRONMENTAL QUALITY Interior Moisture Control

4.505.2 Vapor retarder and capillary break is installed at slab-on- grade foundations.

4.505.3 Moisture content of building materials used in wall and floor framing is checked before enclosure.

ENVIRONMENTAL QUALITY - Indoor Air Quality and Exhaust

4506.1 Each bathroom shall be provided with the following:

1. ENERGY STAR fans ducted to terminate outside of the building.
2. Fans must be controlled by a humidity control (separate or built-in); OR functioning as a component of a whole-house ventilation system.
3. Humidity controls with manual or automatic means of adjustment, capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 percent.

ENVIRONMENTAL QUALITY - Environmental Comfort

4.507.2 Duct systems are sized, designed, and equipment is selected using the following methods:

1. Establish heat loss and heat gain values according to ANSI/ACCA 2 Manual J-2016 or equivalent.
2. Size duct systems according to ANSI/ACCA 1 Manual D-2016 or equivalent.
3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2014 or equivalent.

INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS - Qualifications

702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.

702.2 Special inspectors employed by the enforcing agency must be qualified and able to demonstrate competence in the discipline they are inspecting.

INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS - Verifications

703.1 Verification of compliance with this code may include construction documents, plans, specifications builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which show substantial conformance.

1. Green building measures listed in this table may be mandatory if adopted by a city, county, or city and county as specified in Section 101.7
2. Required prerequisite for this Tier.
3. These measures are currently required elsewhere in statute or in regulation